Wednesday, April 12, 2017

WEBINARS

PHOTONICS MEDIA photonics.com

Expand your knowledge. Grow your career.

Join us for a FREE Webinar

Simulating Metamaterials in the Terahertz Regime

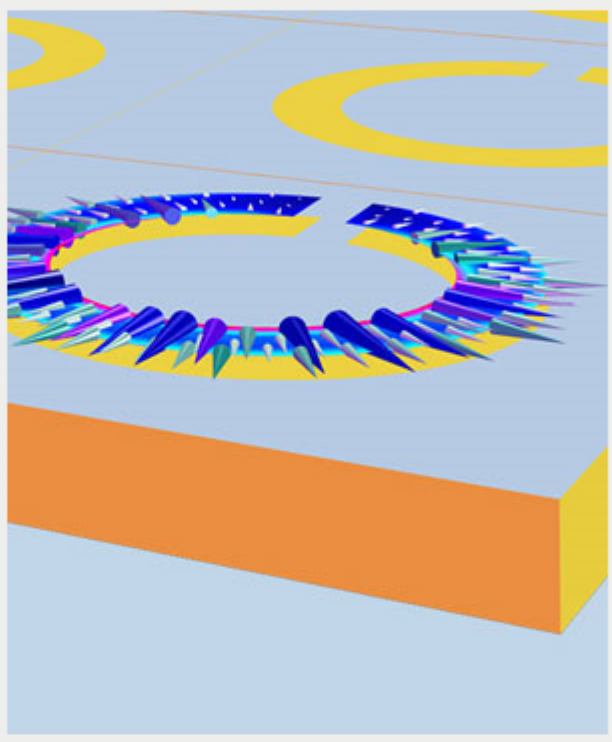
Thu, Apr 27, 2017 2:00 PM - 3:00 PM EDT

Register Now

Presented by

COMSOL

About This Webinar



Metamaterials are engineered to have specific material properties. They often consist of subwavelength arrays and enable a number of exotic behaviors, such as a negative refractive index, superlensing and cloaking.

If you want to learn how to simulate metamaterials in the terahertz regime, then tune into this webinar, presented by COMSOL. The presentation will include a live demonstration of how to simulate a metamaterial using COMSOL Multiphysics. While the presenters will focus on simulating metamaterials in the terahertz regime, the demonstration will be generally applicable to any frequency spectrum. You will be able to ask questions throughout the presentation.

Co-presenter Ulf Olin is a product specialist within the electromagnetics group at COMSOL. Before joining COMSOL in 2011, he worked in optics research at the Institute of Optical Research in Stockholm and in optics and fiber optics research for various companies. He is also an associate professor (docent) of physics at KTH in Stockholm.

Co-presenter Jiyoun Munn is the technical product manager for the RF Module at COMSOL. He has 15 years of experience in the RF industry, developing over 150 antenna and microwave device prototypes. Munn also holds patents for antenna interrogation systems. He received his MS degree in electrical engineering from the University of Michigan.

COMSOL is a global provider of simulation software for product design and research to technical enterprises, research labs and universities. Its COMSOL Multiphysics product is an integrated software environment for creating physics-based models and simulation apps. A particular strength is its ability to account for coupled or multiphysics phenomena. Add-on products expand the simulation platform for electrical, mechanical, fluid flow and chemical applications. Interfacing tools enable the integration of COMSOL Multiphysics simulations with all major technical computing and CAD tools on the CAE market. Simulation experts rely on the COMSOL Server product to deploy apps to their design teams, manufacturing departments, test laboratories and customers throughout the world.

Mark Your Calendar

Date: Thu, Apr 27, 2017

Time: 2:00 PM - 3:00 PM EDT

Space is limited. Reserve your Webinar seat now at: https://register.gotowebinar.com/register/4682140904614153474

After registering you will receive a confirmation email containing information about joining the Webinar.

SYSTEM REQUIREMENTS

PC-based attendees

Required: Windows® 10, 8, 7, Vista, XP or 2003 Server

Mac® -based attendees

Required: Mac OS® X 10.6 or newer

Mobile attendees

Required: iPhone® , iPad® , Android™ phone or tablet, Windows 8 or Windows Phone 8

More from Photonics Media

Upcoming Webinars

- Large-Scale, Deep-Tissue Neuronal Imaging, Thu, Apr 20
- Optics-Based Tools for Cancer Care, Thu, May 4
- An Introduction to Machine Vision Software, Thu, May 11

Archived Webinars

- Transition Mode Reactive Sputtering Using PEM
- Integrating Camera Technology Into an Outstanding Machine Vision Solution
- High-Speed Imaging At and Beyond the Diffraction Limit